Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10454-021001	Application No. 10/055,775
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant: Steven Mark Eker and Patrick Denis Lincoln	
		Filing Date: January 23, 2002	Group Art Unit: ~~2151~~ 1631

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Publication/ Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
cor	AA	5,113,342	05/12/92	Zamora			
	AB	5,621,671	04/15/97	Bodnar			
	AC	5,805,461	09/08/98	Fant et al.			
	AD	5,914,891	06/22/99	McAdams et al.			
	AE	6,132,969	10/17/00	Stoughton et al.			
	AF	US 2002/ 0068269 A1	06/06/02	Allen et al.			03/12/01

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	Translation No
cor	AG	WO 99/66067	12/23/99	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
cor	AH	Akutsu et al., "Identification of Genetic Networks from a Small Number of Gene Expression Patterns Under the Boolean Network Model", *Bioinformatics* 17-28 1999
	AI	Akutsu et al., "Inferring qualitative relations in genetic networks and metabolic pathways", *Bioinformatics* 16(8):727-734 (2000)
	AJ	Becskei et al., "Engineering stability in gene networks by autoregulation", *Nature* 405:590-593 (2000)
	AK	D'haeseleer et al., "Genetic network inference: from co-expression clustering to reverse engineering", *Bioinformatics* 16(8):707-726 (2000)
	AL	Endy and Brent, "Modelling cellular behaviour", *Nature* 409:391-395 (2001)
	AM	Gibbs, W.W., "Cybernetic Cells", *Scientific American* 53-57 (August 2001)
	AN	Glass and Kauffman, "The Logical Analysis of Continuous, Non-linear Biochemical Control Networks", *J. Theor. Biol.* 39:103-129 (1973)
	AO	Karp, P.D., "An ontology for biological function based on molecular interactions", *Bioinformatics* 16:269-285 (2000)
	AP	Kauffman, S.A., "Metabolic Stability and Epigenesis in Randomly Constructed Genetic Nets", *J. Theoret. Biol.* 22:437-467 (1969)
	AQ	Kohn, K.W., "Molecular Interaction Map of the Mammalian Cell Cycle Control and DNA Repair Systems", *Molecular Biology of the Cell* 10:2703-2734 (1999)
	AR	Liang et al., "Reveal, A General Reverse Engineering Algorithm for Inference of Genetic Network Architectures", *Proc. Pacific Symp. On Biocomputing* 3:18-29 1998
	AS	McAdams and Arkin, "Simulation of Prokaryotic Genetic Circuits", *Annu. Rev. Biophys. Struct.* 27:199-224 (1998)

Examiner Signature	Date Considered
	1/14/04

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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(37 CFR §1.98(b))

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U.S. Patent Documents

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CR	CA	5,930,154	07/27/99	Thalhammer-Reyero			
	CB	5,980,096	11/09/99	Thalhammer-Reyero			
	CC	2003/0033126	02/13/03	Lincoln et al.			
	CD						
	CE						
	CF						
	CG						
	CH						
	CI						
	CJ						
	CK						
	CL						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	Translation No
	CM							
	CN							
	CO							
	CP							
	CQ							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
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	CS	
	CT	
	CU	

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U.S. Patent Documents

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CDL	BA	US 6,438,496 B1	Aug. 20, 2002	Yoshida *et al.*	702	19	Aug. 20, 1998
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	BK						

Foreign Patent Documents or Published Foreign Patent Applications

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	BL							
	BM							
	BN							
	BO							
	BP							

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CDL	BQ	Akutsu et al., "Identification of Genetic Networks from a Small Number of Gene Expression Patterns Under the Boolean Network Model", *Bioinformatics* 17-28 (1999)
	BR	Liang et al., "Reveal, A General Reverse Engineering Algorithm for Inference of Genetic Network Architectures", *Proc. Pacific Symp. On Biocomputing* 3:18-29 (1998)
	BS	
	BT	

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Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AT	McAdams and Shapiro, "Circuit Simulation of Genetic Networks", *Science* 269:650-656 (1995)
	AU	Mikulecky, D.C., "Modeling Intestinal Absorption and Other Nutrition-Related Processes Using PSPICE and STELLA", *Journal of Pediatric Gastroenterology and Nutrition* 11:7-20 (1990)
	AV	Novick and Weiner, "Enzyme Induction as an All-or-None Phenomenon*", *Proc. Nat. Acad. USA* 43:553-566 (1957)
	AW	Ogata et al., "Computation with the KEGG pathway database", *BioSystems* 47:119-128 (1998)
	AX	Ouzounis and Karp, "Global Properties of the Metabolic Map of *Escherichia coli*", *Genome Research* 10:568-576 (2000)
	AY	Owre et al., "PVS: A Prototype Verification System", *11th International Conference on Automated Deduction (CADE)* 748-752 (1992)
	AZ	Rosen, R., "Recent Developments in the Theory of Control and Regulation of Cellular Processes", *International Review of Cytology* 23:25-88 (1968)
	AAA	Shea and Ackers, "The O_R Control System of Bacteriophage Lambda A Physical-Chemical Model for Gene Regulation", *J. Mol. Biol* 181:211-230 (1985)
	ABB	Snoussi and Thomas, "Logical Identification of All Steady States: The Concept of Feedback Loop Characteristic States", *Bulletin of Mathematical Biology* 55:973-991 (1993)
	ACC	Somogyi and Sniegoski, "Modeling the Complexity of Genetic Networks: Understanding Multigenic and Pleiotropic Regulation", *Complexity* 1:45-64 (1996)
	ADD	Stahl, W. R., "Algorithmically Unsolvable Problems for a Cell Automaton", *J. Theoret. Biol.* 8:371-394 (1965)
	AEE	Stahl, W. R., "Self-Reproducing Automata", *Perspectives in Biology and Medicine* :373-393 (1965)
	AFF	Stahl and Goheen, "Molecular Algorithms", *J. Theoret. Biol.* 5:266-287 (1963)
	AGG	Sugita, M., "Functional Analysis of Chemical Systems *in vivo* using a Logical Circuit Equivalent. II. The Idea of a Molecular Automaton", *J. Theoret. Biol.* 4:179-192 (1963)
	AHH	Szallasi and Liang, "Modeling the Normal and Neoplastic Cell Cycle with "Realistic Boolean Genetic Networks": Their Application for Understanding Carcinogenesis and Assessing Therapeutic Strategies", *Proc. Pacific Symp. On Biocomputing* 3:66 (1998)
	AII	Thomas, R., "Boolean Formalization of Genetic Control Circuits", *J. Theor. Biol.* 42:563-585 (1973)
	AJJ	Thomas, R., "Regulatory Networks Seen as Asynchronous Automata: A Logical Description", *J. Theor. Biol.* 153:1-23 (1991)
	AKK	Thomas et al., "A Complex Control Circuit: Regulation of Immunity in Temperature Bacteriophages", *Eur. J. Biochem.* 71:211-227 (1976)
	ALL	Thomas et al., "Dynamical Behaviour of Biological Regulatory Networks –I. Biological Role of Feedback Loops and Practical Use of the Concept of the Loop-Characteristic State", *Bulletin of Mathematical Biology* 57:247-276 (1995)
	AMM	Weng et al., "Complexity in Biological Signaling Systems", *Science* 284:92-96 (1999)
	ANN	Yuh et al., "Genomic Cis-Regulatory Logic: Experimental and Computational Analysis of a Sea Urchin Gene", *Science* 279:1896-1902 (1998)

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